

Title (en)
GABION REINFORCEMENT ELEMENT

Title (de)
GABIONSVERSTÄRKUNGSELEMENT

Title (fr)
ÉLÉMENT DE RENFORT DE GABION

Publication
EP 4230802 A1 20230823 (EN)

Application
EP 23157316 A 20230217

Priority
IT 202200003050 A 20220218

Abstract (en)
A reinforcement element for constructing earth covering, containment and reinforcement structures, in particular for constructing support walls, said reinforcement element comprising a reinforcement web(18) which is formed by a mesh, wherein said reinforcement web is adjacent and secured to a containment structure comprising at least one front face (13) made of double-torsion metal mesh, wherein a front panel (20) of electro-welded mesh is fixed to the front face (13), preferably by means of metal fasteners (20), such as clips or C-rings.

IPC 8 full level
E02D 29/02 (2006.01)

CPC (source: EP)
E02D 29/0208 (2013.01); **E02D 29/0241** (2013.01)

Citation (applicant)
• US 5161917 A 19921110 - PAPETTI ANDREA [IT]
• EP 1012406 A1 20000628 - MACCAFERRI SPA OFF [IT]
• EP 1579081 A1 20050928 - MACCAFERRI SPA OFF [IT]

Citation (search report)
• [XDAI] EP 1012406 A1 20000628 - MACCAFERRI SPA OFF [IT]
• [XI] EP 1711661 A1 20061018 - MACCAFERRI SPA OFF [IT]
• [XAI] US 2020248426 A1 20200806 - PALMA DONATELLA [IT]
• [A] GB 2073281 A 19811014 - NETLON LTD

Citation (third parties)
Third party : **Anonymous**
• US 5161917 A 19921110 - PAPETTI ANDREA [IT]
• EP 1012406 A1 20000628 - MACCAFERRI SPA OFF [IT]
• EP 1579081 A1 20050928 - MACCAFERRI SPA OFF [IT]
• EP 1711661 A1 20061018 - MACCAFERRI SPA OFF [IT]
• US 2020248426 A1 20200806 - PALMA DONATELLA [IT]
• GB 2073281 A 19811014 - NETLON LTD
• EP 1308562 B1 20050907 - MACCAFERRI SPA OFF [IT]
• JP 2016075095 A 20160512 - SETOUCHI WIRE NETTING IND CO LTD
• CN 212270826 U 20210101 - CARS RAILWAY ENG RES INST, et al
• ANONYMOUS: "TECHNICAL DATA SHEET Rev: 07d", MACCAFERRI, 26 April 2018 (2018-04-26), pages 1 - 2, XP093135691
• ANONYMOUS: "RockBox Gabions and Mattresses", GEOSYNTHETICS, 14 November 2011 (2011-11-14), pages 1 - 13, XP093135696

Designated contracting state (EPC)
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BA

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